Table A.3.5. Central Yard SWMU 14 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
S0737/MW103 7/9/02 Full RFI SWMU 14	14	4	Fill: 0 to 9 (petroleum odor at 3-7; refusal @ 7.5) Sand: 9-14	267 (3-3.5)	P,U,F	S0737A4 (1.5-2)	V, S, Pb, TOL	None
					P,U,F	S0737B4 (3.5-4)	Pb, TOL	None
					P,S,F	S0737 (6-8)	Phys. Char.	
					P,S,N	S0737G4 (13.5-14)	Pb, TOL, SPLP lead	None
					Water	MW103 (11/20/02)	V,S,M, water quality	Arsenic: 9J ug/L
S0736 7/10/02 Full RFI SWMU 14	12	5.7	Fill: 0-9.5 Silt: 9.5-12	36.4 (1.5-2)	P,U,F	S0736A4 (1.5-2)	V, S, Pb, TOL	None
					P,U,F	S0736B3 (3-3.5)	Pb, TOL	None
					P,S,N	S0736F2 (10.5-11)	Pb, TOL	None
H0294 8/3/90 2nd OWSS CY2	16	2	Fill: 0-7: (hydrocarbon odor, staining at 0 to 7) Clay with sands: 7 to 16	55.6 (15)	Water	H0-294	V, S, M	None
HP0101 9/8/97 1st Groundwater	12	5.5	See SB-0214	387	Water	HP-0101	V, S, Pb	**Benzene: 7 ug/L** 1-methylnaphthalene: 670 ug/L 2-methylnaphthalene: 670 ug/L Naphthalene: 350 ug/L Lead: 706 ug/L
SB0221 (U014002) 6/6/96 1st Soils SWMU 14	8	6	Fill: 0-7 (petroleum odor/staining at 2.35 to 7) Silt: 7-8	303 (4-6)	O,U,F	SB0221SC (4-6)	S, V, Pb, TEL	None

Table A.3.5. Central Yard SWMU 14 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
SB0220 (U014004) 6/6/96 1st Soils SWMU 14	12	6.5	Fill: 0-11.5 Silt: 11.5-12	0	P,U,F	SB0220SD (6-8)	S, V, Pb, TEL	None
SB0219 (U014003) 6/6/96 1st Soils SWMU 14	20	6	Fill : 0-11 (petroleum odor, staining at 5 to 6.5; petroleum odor at 10 to 11) Silt: 12-14 Clay/Silt: 14-19.5 Sand: 19.5-20	12 (6-8)	O,S,F	SB0219SD (6-8)	V, S, Pb, TEL	None
SB0218 (U014006) 6/6/96 1st Soils SWMU 14	10	5	Fill: 0-8 Silt: 8-10	7 (0-2)	O,U,F	SB0218SC (4-6)	V, S, Pb, TEL	None
SB0217 (U014007) 6/6/96 1st Soils SWMU 14	10	5.5	Fill: 0-9.8 Silt: 9.8-10	0	P,U,F	SB0217SC (4-6)	V, S, Pb, TEL	None
SB0216 (U014008) 6/6/96) 1st Soils SWMU 14	10	6	Fill: 0-5 Clay/Sand: 5-7.5 Clay: 7.5-8.5 Silt: 8.5-10	0	O,U,F	SB0216SC (4-6)	V, S, Pb, TEL	None
SB0215 6/6/96 1st Soils SWMU 14	8	7	Fill: 0-6.3 (petroleum odor at 3-4.5; petroleum staining at 4-4.5) Clay/Silt: 6.3-8	460 (7-8)	P,U,F	SB0215SB (2-4)	Pb	None
SB0214 6/6/96 1st Soils SWMU 14	10	6	Fill: 0-10 (petroleum odor/staining at 5 to 9.5) Native: not encountered	366 (8-9.5)	O,U,F	SB0214SC (4-6)	V, S, Pb, TEL	None

Table A.3.5. Central Yard SWMU 14 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
SB0129 11/28/95 1st Soils SMWU 14	10	6	Fill: 0-9.7 (petroleum staining at 0.25-8; odor at 5-6) Native: 10	312 (6-8)	O,U,F	SB0129SD (6-8)	V, S, Pb, TEL	None
SB0045 10/24/95 1st Soils SWMU 14	10	6	Fill: 0 to 7.5 (black staining at 0-1.5; petroleum odor/staining at 2.5-7) Sand/Clay: 7.5-9.5 Silt: 9.5-10	209 (4-6)	P,U,F	SB0045SC (4-6)	V, S, Pb, TEL	None
U014020 6/6/96 1st Soils SWMU 14	8	3.5	Fill: 0-8	0	None			
U014019 6/6/96 1st Soils SWMU 14	10	8	Fill: 0-9 Silt: 9.7-10	0	None			
U014018 6/6/96 1st Soils SWMU 14	12	8	Fill: 0-12	0	None			
U014017 6/6/96 1st Soils SWMU 14	10	7	Fill: 0-10	0	None			
U014016 6/6/9 1st Soils SWMU 14	10	6	Fill: 0-10	0	None			
U014-015 6/6/96 1st Soils SWMU 14	10	7	Fill: 0-9.6 Silt: 9.6-10	27 (4-6)	None			

Table A.3.5. Central Yard SWMU 14 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
U014014 6/6/96 1st Soils SWMU 14	10	6	Fill: 0-10	0	None			
U014013 6/6/96 1st Soils SWMU 14	8	6	Fill: 0-8	0	None			
U014011 6/6/96 1st Soils SWMU 14	8	4	Fill: 0-8	353 (4-6)	None			

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

ppm_v = parts per million (volume basis)

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

µg/L = micrograms per liter (equivalent to parts per million).

[1]Depth to water as observed during borehole advancement.

[2]"Fill" encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

[3]P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. "None" indicates that no sample was collected.

[4]V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP -- Synthetic Precipitation Leaching Procedure; -Phys. Char. -- physical characteristics.